



9mm

MINI

KG-99 MANUAL



INTERDYNAMIC OF AMERICA INC.

WARNING

Do not store your gun with a cartridge in the chamber. Make sure the gun is on safe.

Only point the gun at your target, not at anything else.

Do not touch trigger when working with the operating handle.

Do not tamper with the magazine. Never use magazines made by other manufacturers.

Make sure your "audience" is ALWAYS 10 feet in back of you, not next to you, whenever you shoot.

Never try to alter the sear engagement or trigger pull.

Only place finger on trigger when ready to shoot.

Make sure your hands are well away from the muzzle.

When ever carrying a gun, be sure not to climb a wall, tree or fence.

Never play with your KG-99 pistol since everyone's safety depends on you.

Be careful of your backstop and with what lies beyond it.

When loading or unloading keep barrel pointing towards the ground.

Place guns and ammunition in separte places. Especially when cleaning your gun.

Be sure to keep all guns and ammunition away from children or any incapacitated persons.

Never take medications, drugs or drink alcohol when handling any firearm.

Do not shoot at any water surface or any surface where recochet can occur.

Do not use old ammunition and make sure to use the correct cartridge.

If the gun does not discharge after pulling the trigger, do not change its position for at least 30 seconds, since sometimes the primer will take longer to ignite properly, and cause a "hang fire".

Make sure the muzzle is pointing in a safe direction at all times.

Never take for granted that a gun is unloaded.

Never keep a loaded gun in a car, boat, home or R.V.

Your gun should only be loaded immediately before shooting.

Always double check your gun making sure that it is unloaded before you store it away.

Please read the next page for the proper ammunition to use in your KG-99.

If you do not understand how to operate any of our products or have any questions about the safe handling of the KG-99, please write to us.



KG - 99 ACCESSORIES

KG - 210 is the complete magazine assembly which holds 36 rounds and is made of 40% stronger steel. *It has rubberized grip and can be quickly installed on the gun at various angles, for better shooting control and comfort.*

KG - 250 is our new assault grip made of reinforced nylon and can be quickly installed on the gun at various angles, for better shooting control and comfort.

KG - 800 is the new recoil compensator to reduce the flash and recoil simultaneously.

KG - CA is a zippered case with the Interdynamic logo in a gold color on top of black vinyl.

For the above items see your local gun dealer or mail the order form below.

Please send me the following items checked marked in the box.










QUANTITY

_____	<input type="checkbox"/>	KG - 210 Magazine Assembly	\$32.95
_____	<input type="checkbox"/>	KG - 250 Assault Grip	\$29.95
_____	<input type="checkbox"/>	KG - 800 Recoil Compensator	\$29.95
_____	<input type="checkbox"/>	KG - CA Zippered Case	\$29.95

Shipping prepaid in the continental U. S. only. Please send money order or cashiers check.

Mail to: **Interdynamic of America**
11990 S. W. 128 St. • Miami, Fl. 33186

9 mm LUGER CASE DESIGN

<u>Make</u>	<u>Sample</u>	<u>Wallthickness</u>	<u>Suitability</u>
Norma		.037	Excellent
NATO Mil		.032	Excellent
S&W		.029	Very Good
Federal		.027	Recommended
Remington		.027	Recommended
Frontier		.027	Recommended
Speer		.022	Do Not Use
Winchester		.021	Do Not Use
PMC		.018	Do Not Use

The chart above reveals the structural design of the most popular case manufactures.

Please refer to this chart before using any type of ammunition in your KG-99, and do not use any cases with a wallthickness of less than .027, also do not use any reloaded ammunition regardless of wallthickness.

The reason behind this recommendation is that, in all blow back designed firearms like in the KG-99 the case moves backwards during high gas pressure and a small back portion of the case is not supported by the chamber walls. Therefore, causing more pressure on the rear of the case where wallthickness is very important.

If you have ammunition manufactured by other than the specified, please write to us and we will be glad to analyse it and advise of its use.



INTRODUCTION

The INTERDYNAMIC KG-99 is a radically new type of semi-automatic pistol, designed to deliver a high volume of firepower.

The KG-99 is designed and manufactured in the United States. Extensive research and computer assisted development has been incorporated into this model. Thanks to the advanced design and modern high speed manufacturing techniques, it can assure a low cost, without compromising quality in materials and workmanship.

DESCRIPTION

The KG-99 is a semi-automatic pistol which operates by elementary blowback and closed bolt position. The open sights is adjustable for windage in the rear and fixed at the front. The push in type safety securely locks the firing pin from traveling forward. The KG-99 can be fired by one or two hands from most shooting positions.

TECHNICAL SPECIFICATIONS

Ammunition	9 mm Luger or Parabellum
Weight unloaded	45 oz.
Weight of loaded magazine	22 oz.
Length	12 1/2 in.
Barrel length	5 in.
Sight radius	10 in.
Muzzle velocity	1200-1400 fps.
Practical range, off hand	50 yd.
	100 yd.
Magazine capacity	36 rds.

CONSTRUCTION

The tube shaped upper receiver houses the barrel and bolt. The forward end is provided with ventilation holes for cooling of the barrel and improving sustained fire. The left side of the upper receiver has a slot for the operating handle.

The high impact frame forms the magazine well and grip. It also houses the trigger mechanism. The frame is attached to the upper receiver by an assembly pin and a disc at the back.

The bolt is recessed at the back to house the striker and firing pin.

FUNCTIONING

When ready to fire the bolt is in a closed position, the striker and firing pin are held in the rear position by the sear. When the trigger is pressed the disconnector pulls down the sear, which disengages the striker. The striker carries the firing pin forward, igniting the chambered round.

Simultaneously as the gas pressure accelerates the bullet, the case pushes the bolt backwards. Due to the much greater mass of the bolt compared with the bullet, the bolt has only moved about 1/16" when the bullet leaves the barrel. On its way backwards, the bolt by the combined actions of the extractor and ejector, throws out the empty case. Close to the rear the bolt is stopped by the increasing force of the recoil spring and driven forward again. The bolt on its way forward catches the top round in the magazine and feeds it into the chamber and then the KG-99 is ready to fire once again. The complete cycle will take .08 seconds.

INSTRUCTIONS FOR USE

Before proceeding to use this weapon a word of caution is in order. This pistol is as safe to handle and use as we can make it, but there is no foolproof firearm. Be sure that the muzzle is pointing in a safe direction at all times, whether the gun is loaded or not. Make safe gun handling a habit.



LOADING THE MAGAZINE

Press down cartridges between the magazine lips. As with all magazines, a light tap on the back ensures a uniform position of the cartridges.

LOADING THE KG-99

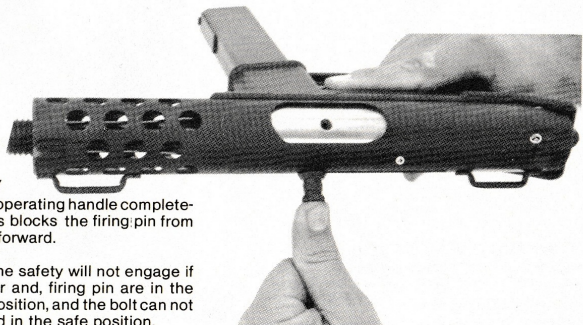
With the bolt forward insert a loaded magazine into the magazine well, finger away from trigger.



Make sure to pull out the operating handle from the safe position, and then pull the handle all the way to the rear, so the striker becomes engaged by the sear. Then release the handle, causing it to move forward and chamber the first round.



The KG-99 is now ready to fire, keep finger away from trigger until you are ready to shoot.



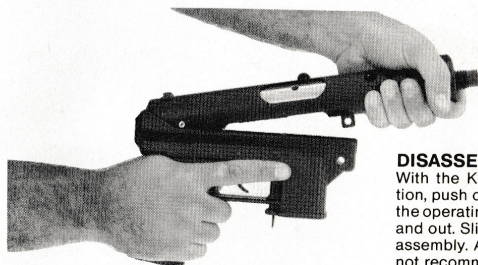
SAFETY

Push the operating handle completely in. This blocks the firing pin from traveling forward.

NOTE: The safety will not engage if the striker and, firing pin are in the forward position, and the bolt can not be cocked in the safe position.

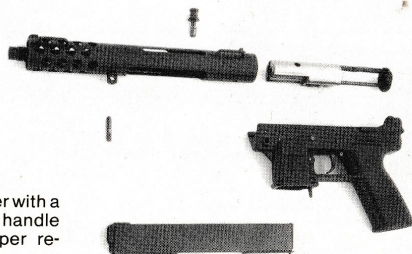
UNLOADING

Push the operating handle into the safe position. Press magazine catch forward and remove the magazine. Keeping fingers away from the trigger, pull handle out and to the rear, causing any chambered rounds to be extracted. Work the operating handle back and forth 3 to 4 times and check that there are no cartridges in the chamber or on the bolt face.



DISASSEMBLY

With the KG-99 in unloaded condition, push out the assembly pin. Pull the operating handle all the way back and out. Slide out the complete bolt assembly. Additional disassembly is not recommended for normal cleaning and inspection.



REASSEMBLY

Assemble in reverse order with a 1" pull on the operating handle before bedding the upper receiver on the frame.

SHOOTING

Thanks to its dimensions and design, the KG-99 can be used in modes of fire impossible with most handguns. The illustrations below show four recommended positions found practical under extensive field tests.



For short range fast action



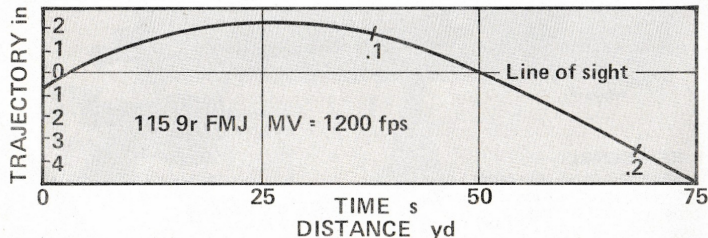
Weaver-stance for distance
up to 50 yds.



Prone with magazine rest at
ranges up to 150 yds.



Hipfire at shortest range



MALFUNCTIONING

Stoppages in the KG-99 are almost invariably caused by the ammunition. Irregular or very short ejection indicates underpowered cartridges.

Unreliable feeding indicates damaged magazine lips or unsuitably shaped bullets.

You should also avoid unnecessary dry fire, which causes the bolt face and or the firing pin to be damaged.

General rule: Place the KG-99 on safe
Remove the magazine
Remove misfired or jammed cartridge
Put back the magazine and commence firing

WARRANTY

The KG-99 is warranted against defects in materials and workmanship for one year from the date of delivery to the initial purchase only. During the warranty period, INTERDYNAMIC will repair or, at its option, replace at no charge components that prove to be defective, provided the gun is returned, shipping prepaid, to INTERDYNAMIC.

This warranty does not apply if the KG-99 has been damaged by accident or misuse, or after any service or modification by other than INTERDYNAMIC. INTERDYNAMIC shall not be liable for consequential damages. NO OTHER WARRANTY, EXPRESS OR IMPLIED, IS PROVIDED.

SERVICE

Should your KG-99 require adjustment, repair, or refinishing, we sincerely recommend that the weapon be returned to the factory. There is no other way to insure that the work will be done in a properly equipped and staffed shop.

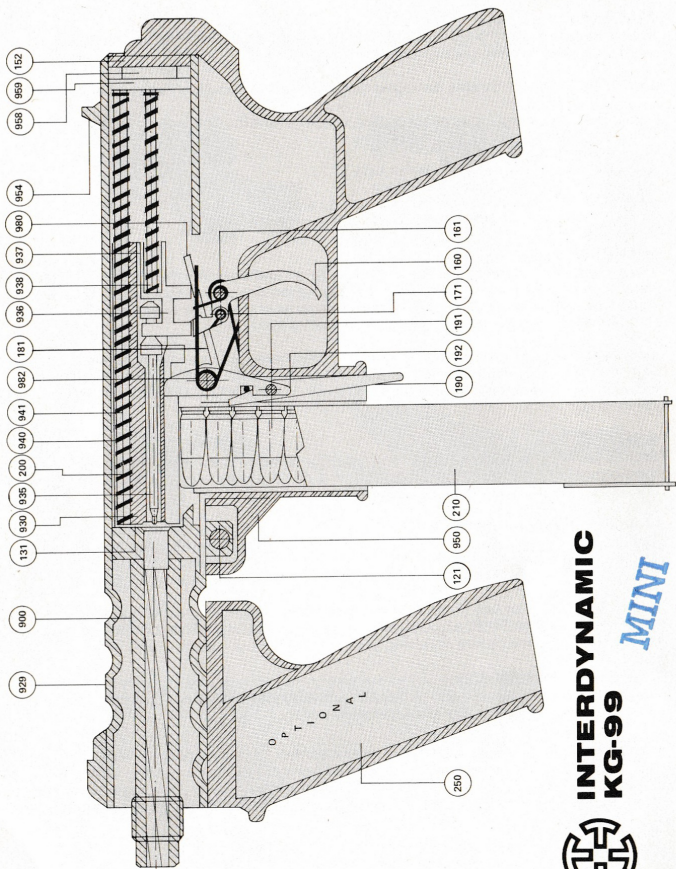
Charges are very reasonable, being based on the cost of parts replaced plus a labor charge for the time expended on the job. A letter of instructions should be enclosed with the gun, and shipment by individuals must be made prepaid, properly packaged, via U.P.S. Adherence to these suggestions will prevent loss of time in handling at the factory.

When your KG-99 arrives for service, it will be very carefully inspected, together with your letter of instructions. Next, a quotation covering the total cost will be sent to you. No actual work will commence before receiving your approval of our quotation.

CARE AND CLEANING

To ensure proper functioning, the KG-99 should be disassembled and cleaned at reasonably frequent intervals. Preferably always after shooting.

Use any good commercial solvent, and after cleaning, lubricate sparingly with a light weight gun oil. Outside surfaces may be protected from corrosion by coating lightly with rust inhibiting oil or grease. Be careful not to drop magazines, as they may be sufficiently deformed to cause malfunctions. Do always keep ammunition away during gun cleaning.



900	Barrel	156	Screw
121	Assembly catch	151	Assembly pin
123	Snap ball	160	Trigger
124	Snap spring	161	Trigger axis
954	Rear sight	162	Trigger spring
135	Sling catches	170	Disconnecter
920	Receiver tube	171	Disconnecter axis
*929	Upper receiver sub-assembly	172	Disconnecter spring
930	Bolt	980	Sear
131	Extractor	181	Sear axis
132	Extractor screw	185	E-ring
933	Operating handle	183	Sear retainer
934	Operating handle spring	982	Sear spring
935	Firing pin	190	Magazine catch
936	Striker	191	Magazine catch axis
938	Striker spring	192	Magazine catch axis
938	Striker spring guide	200	Ejector
939	Striker lock pin	210	Magazine assembly
940	Recoil spring	250	Assault grip
941	Recoil spring guide	251	Assault grip screw
144	E-ring	252	Assault grip washer
*950	Frame	253	Assault grip nut
928	Bolt assembly-complete	800	Compensator
152	Rear cover	801	Compensator screw
958	Buffer	300	Sling & Buckles assembly
959	Buffer plate	---	Manual

* Factory exchanged only

The mini is a smaller version of the KG-99. All internal parts are interchangeable. If you desire a longer magazine please follow instructions on our order form.



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